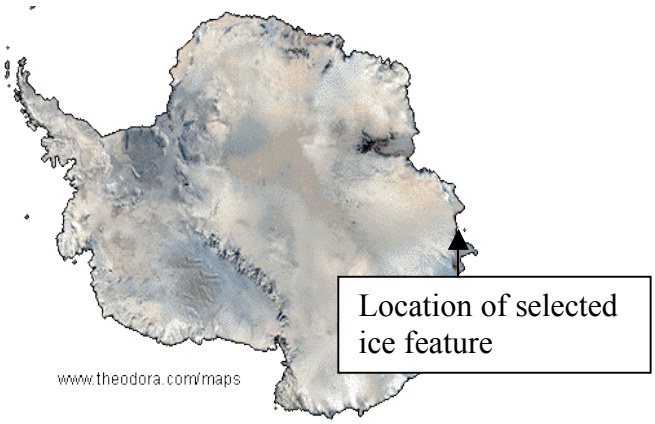
Team Member's Names: Kai & Adam
School: Mount Vernon Middle School, Mount Vernon, IA
Teacher: Mrs. Scearce

Proposal:
1.The name and/or description of your chosen ice feature

Adams Island- according to the Lima description:
Small rocky coastal island embedded in thick bay ice most of the year, lying at the W side of McDonald Bay, about 11 mi W of Mabus Point. Discovered by the Western Base Party of the AAE, 1911-14, under Mawson, and named by him for the boatswain of the expedition ship Aurora.

2.An image of your chosen ice feature

3.The location of your selected feature in terms of its longitude and latitude as well as the region of Antarctica in which it exists. (Teams are encouraged to include a map of Antarctica with a mark pinpointing the location of their selected feature).



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4.A paragraph explaining why your chosen ice feature is scientifically interesting.
This ice feature is scientifically interesting because it has icebergs trapped in fast ice very close to it. It is because of this we feel it needs to be further explored. It is also interesting because it doesn't look like much of an island. We also think scientists should check for any microbial life there.

5. A paragraph hypothesizing what geologic processes you think are occurring to create this ice feature.
We think global warming is a key factor for the ice feature. We know that the island is not always surrounded by ice. We would like to investigate the rate of melting of the ice around the island and if factors such as global warming are increasing the amount of time the bay is free of ice.

6.A paragraph asserting why you and your team should be funded to further investigate this area of Antarctica. (In other words, what are the potential benefits of exploring this feature?)
I think our team should be funded because Adam's Island would be a good place to study the effects of Global Warming. Global Warming will be the most evident in the areas near the poles. Global surface temperatures have increased in the last decade. Much of the increase can be attributed to the increase in greenhouse gasses throughout the world. The frozen areas near Antarctica may be the first to indicate drastic changes in the warming of the earth. Studying Adam's Island will help scientists predict and solve problems related to Global Warming.